

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|---------|--|---|------------------|---------|---------------------|
| L3 | 2 | "20050267253" | US-PGRUB; USPAT; USOCR; FPRS | OR | ON | 2008/12/20 19:49 |
| L4 | 8 | pores (nm or nanometer) SIOCH | US-PGRUB; USPAT; USOCR; FPRS | WITH | ON | 2008/12/20 19:52 |
| L5 | 15 | pores (nm or nanometer) SIOCH | US-PGRUB; USPAT; USOCR; FPRS | SAME | ON | 2008/12/20 19:56 |
| L6 | 15 | pores (nm or nanometer) SIOCH | US-PGRUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | SAME | ON | 2008/12/20 19:57 |
| L7 | 8947 | pores (nm or nanometer) porous | US-PGRUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | SAME | ON | 2008/12/20 19:57 |
| L8 | 32 | pores (nm or nanometer) porous near insulat\$3 | US-PGRUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | WITH | ON | 2008/12/20 19:57 |
| L9 | 0 | pores (nm or nanometer) porous near insulat\$3 an siloxane | US-PGRUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | WITH | ON | 2008/12/20 20:01 |
| L10 | 8521603 | d | US-PGRUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | WITH | ON | 2008/12/20 20:01 |
| L11 | 14 | pores (nm or nanometer) porous near insulat\$3 and siloxane | US-PGRUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | WITH | ON | 2008/12/20 20:01 |
| L12 | 0 | pores (nm or nanometer) porous near insulat\$3 and cyclicsiloxane | US-PGRUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | WITH | ON | 2008/12/20 20:02 |

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| L13 | 2 | pores (nm or nanometer) porous near insulat\$3 and cyclic siloxane | US-PGRUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | WITH | ON | 2008/12/20 20:02 |
| L14 | 219 | pores (nm or nanometer) and cyclic siloxane | US-PGRUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | WITH | ON | 2008/12/20 20:02 |
| L15 | 113 | pores (nm or nanometer) and cyclic siloxane and vinyl | US-PGRUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | WITH | ON | 2008/12/20 20:08 |
| L16 | 47 | pores (nm or nanometer) and cyclic siloxane and vinyl and @ad<"20031128" | US-PGRUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | WITH | ON | 2008/12/20 20:09 |
| L17 | 7 | "375516".ap. | US-PGRUB; USPAT; USOCR; FPRS | OR | ON | 2008/12/20 20:15 |
| L18 | 1 | "20040137243" | US-PGRUB; USPAT; USOCR; FPRS | OR | ON | 2008/12/20 20:47 |
| L19 | 35 | cyclic near(organic adj silica or siloxane) pores | US-PGRUB; USPAT; USOCR; FPRS | SAME | ON | 2008/12/20 20:56 |
| L20 | 1 | "20070093078" | US-PGRUB; USPAT; USOCR; FPRS | SAME | ON | 2008/12/20 21:15 |
| L21 | 993 | 438/200.ccls. | US-PGRUB; USPAT; USOCR; FPRS | SAME | ON | 2008/12/20 21:51 |
| L22 | 3007 | 438/680,778.ccls. | US-PGRUB; USPAT; USOCR; FPRS | SAME | ON | 2008/12/20 21:51 |
| L23 | 2 | porous adj insulat\$3 and NEC Corp | US-PGRUB; USPAT; USOCR; FPRS | ADJ | ON | 2008/12/20 21:52 |
| L24 | 0 | porous and siloxane with cyclic and NEC Corp | US-PGRUB; USPAT; USOCR; FPRS | ADJ | ON | 2008/12/20 21:53 |
| L25 | 0 | siloxane with cyclic and NEC Corp | US-PGRUB; USPAT; USOCR; FPRS | ADJ | ON | 2008/12/20 21:53 |
| L26 | 24 | siloxane and NEC Corp | US-PGRUB; USPAT; USOCR; FPRS | ADJ | ON | 2008/12/20 21:53 |
| L27 | 9 | harada-yoshimichi.in. | US-PGRUB; USPAT; USOCR; FPRS | ADJ | ON | 2008/12/20 21:53 |

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| L28 | 13 | hayashi-yoshiro.in. | US-PGPUB; USPAT; USOCR; FPRS | ADJ | ON | 2008/12/20 21:54 |
| L29 | 0 | ito-h-fuminoro.in. | US-PGPUB; USPAT; USOCR; FPRS | ADJ | ON | 2008/12/20 21:55 |
| L30 | 1 | hijoka-kenichiro.in. | US-PGPUB; USPAT; USOCR; FPRS | ADJ | ON | 2008/12/20 21:55 |
| L31 | 9 | takeuchi-tsuneo.in. | US-PGPUB; USPAT; USOCR; FPRS | ADJ | ON | 2008/12/20 21:55 |
| S1 | 6 | "580606".ap. | US-PGPUB; USPAT; USOCR; FPRS | OR | ON | 2008/09/09 12:36 |
| S2 | 2 | "20040166240" | US-PGPUB; USPAT; USOCR; FPRS | OR | ON | 2008/09/09 13:19 |
| S3 | 1 | "20040253777" | US-PGPUB; USPAT; USOCR; FPRS | OR | ON | 2008/09/09 13:55 |
| S4 | 6 | "2004008517" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/09/09 13:57 |
| S5 | 4 | "2004047873" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/09/09 13:58 |
| S6 | 3 | "20050267253" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/09/09 14:11 |
| S7 | 6 | "580606".ap. | US-PGPUB; USPAT; USOCR; FPRS | OR | ON | 2008/12/16 13:32 |
| S8 | 2 | "2002118169" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/12/16 13:50 |
| S9 | 2 | "2001326222" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/12/16 13:55 |

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| S10 | 2 | "20020155639" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/12/16 13:55 |
| S11 | 2 | "20070093078" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/12/16 15:12 |
| S12 | 781 | 257/e21.261.ccls. | US-PGPUB; USPAT; USOCR; FPRS | OR | ON | 2008/12/16 18:30 |
| S13 | 6 | rare adj gas and 257/e21.261.ccls. | US-PGPUB; USPAT; USOCR; FPRS | OR | ON | 2008/12/16 18:32 |
| S14 | 7 | ("4222792" "5003178" "5306739" "5376586" "5989983" "6132814").FN. OR ("6746969"). URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/12/16 18:35 |
| S15 | 8982 | (rare or inert)adj gas with mixture and (silane or siloxane) (porous or poros\$3)adj (insulat\$3 or dielectric or ILD or SiCOH) | US-PGPUB; USPAT; USOCR; FPRS | OR | ON | 2008/12/16 18:37 |
| S16 | 94 | (rare or inert)adj gas with mixture and (silane or siloxane) (porous or poros\$3)adj (insulat\$3 or dielectric or ILD or SiCOH) | US-PGPUB; USPAT; USOCR; FPRS | AND | ON | 2008/12/16 18:38 |
| S17 | 3793 | raman spectrum | US-PGPUB; USPAT; USOCR; FPRS | ADJ | ON | 2008/12/16 18:46 |
| S18 | 12 | (US-20040166240-\$ or US- 20040253777-\$ or US-20050267253- \$ or US-20020155639-\$ or US- 20070100109-\$ or US-20050260420- \$ or US-20050258542-\$ or US- 20050245096-\$ or US-20040069410- \$).did. or (US-7307343-\$).did. or (JP-2004047873-\$).did. or (WO- 2004008517-\$).did. | US-PGPUB; USPAT; JPO; DERWENT | OR | ON | 2008/12/16 18:46 |
| S19 | 0 | raman spectrum and S18 | US-PGPUB; USPAT; USOCR; FPRS | ADJ | ON | 2008/12/16 18:46 |
| S20 | 105 | raman spectrum and cycl\$2 and silicon same carbon same oxygen same hydrogen | US-PGPUB; USPAT; USOCR; FPRS | ADJ | ON | 2008/12/16 18:47 |
| S21 | 1 | raman spectrum and silica skeleton and silicon same carbon same oxygen same hydrogen | US-PGPUB; USPAT; USOCR; FPRS | ADJ | ON | 2008/12/16 18:50 |
| S22 | 87 | raman spectrum and silica and silicon same carbon same oxygen same hydrogen | US-PGPUB; USPAT; USOCR; FPRS | ADJ | ON | 2008/12/16 18:50 |
| S23 | 2881 | (porous or poros\$3)near3 (insulat\$3 or dielectric) pores | US-PGPUB; USPAT; USOCR; FPRS | SAME | ON | 2008/12/19 21:00 |

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| S24 | 1772 | {porous or poros\$3}near3 {insulat\$3 or dielectric} pores | US-PGPUB; USPAT; USOCR; FPRS | WITH | ON | 2008/12/19 21:01 |
| S25 | 176 | {porous or poros\$3}near3 {insulat\$3 or dielectric} pores diameter | US-PGPUB; USPAT; USOCR; FPRS | WITH | ON | 2008/12/19 21:01 |
| S26 | 0 | {porous or poros\$3}near3 {insulat\$3 or dielectric} pores diameterand @ad<"20041129" | US-PGPUB; USPAT; USOCR; FPRS | WITH | ON | 2008/12/19 21:02 |
| S27 | 137 | {porous or poros\$3}near3 {insulat\$3 or dielectric} pores diameter and @ad<"20041129" | US-PGPUB; USPAT; USOCR; FPRS | WITH | ON | 2008/12/19 21:02 |
| S28 | 0 | {porous or poros\$3}near3 {insulat\$3 or dielectric} pores diameter and trivinyltetramethylo\$13 and @ad<"20041129" | US-PGPUB; USPAT; USOCR; FPRS | WITH | ON | 2008/12/19 21:06 |
| S29 | 0 | {porous or poros\$3}near3 {insulat\$3 or dielectric} pores diameter and trivinyltetramethylo\$13 and @ad<"20041129" | US-PGPUB; USPAT; USOCR; FPRS | WITH | ON | 2008/12/19 21:06 |
| S30 | 15 | {porous or poros\$3}near3 {insulat\$3 or dielectric} pores diameter and siloxane and @ad<"20041129" | US-PGPUB; USPAT; USOCR; FPRS | WITH | ON | 2008/12/19 21:06 |
| S31 | 0 | tri-vinyltetramethylo\$13 and @ad<"20041129" | US-PGPUB; USPAT; USOCR; FPRS | WITH | ON | 2008/12/19 21:07 |
| S32 | 0 | trivinyltetramethylo\$13 and @ad<"20041129" | US-PGPUB; USPAT; USOCR; FPRS | WITH | ON | 2008/12/19 21:07 |
| S33 | 212 | tetravinyltetramethylo\$13 and @ad<"20041129" | US-PGPUB; USPAT; USOCR; FPRS | WITH | ON | 2008/12/19 21:08 |
| S34 | 37 | porous and tetravinyltetramethylo\$13 and @ad<"20041129" | US-PGPUB; USPAT; USOCR; FPRS | WITH | ON | 2008/12/19 21:08 |
| S35 | 3 | porous and pores and diameter and tetravinyltetramethylo\$13 and @ad<"20041129" | US-PGPUB; USPAT; USOCR; FPRS | WITH | ON | 2008/12/19 21:08 |
| S36 | 5 | porous and pores and tetravinyltetramethylo\$13 and @ad<"20041129" | US-PGPUB; USPAT; USOCR; FPRS | WITH | ON | 2008/12/19 21:08 |
| S37 | 37 | porous and tetravinyltetramethylo\$13 and @ad<"20041129" | US-PGPUB; USPAT; USOCR; FPRS | WITH | ON | 2008/12/19 21:09 |
| S38 | 61 | {insulat\$3 or dielectric}and tetravinyltetramethylo\$13 and @ad<"20041129" | US-PGPUB; USPAT; USOCR; FPRS | WITH | ON | 2008/12/19 21:10 |
| S39 | 86 | {insulat\$3 or dielectric}and Si C H O ratio and @ad<"20041129" | US-PGPUB; USPAT; USOCR; FPRS | WITH | ON | 2008/12/19 21:10 |
| S40 | 0 | wo "2003019645" | US-PGPUB; USPAT; USOCR; FPRS | NEAR | ON | 2008/12/19 21:43 |

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| S41 | 1 | wo "2003019645" | US-PGRUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | NEAR | ON | 2008/12/19 21:43 |
| S42 | 2 | wo "2003005429" | US-PGRUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | NEAR | ON | 2008/12/19 21:43 |
| S43 | 70 | hydrogenated silicon oxycarbide and ("o.sub.2" or oxygen or oxidizer)and (He or Ne or Ar or Kr) | US-PGRUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | NEAR | ON | 2008/12/19 22:31 |
| S44 | 151 | ("4842888" "4981724" "5156881" "5182000" "5208069" "5284730" "5364666" "5465680" "5525550" "5530581" "5599740" "5800877" "5874367"). PN. OR ("6159871").URPN. | US-PGRUB; USPAT; USOCR | OR | ON | 2008/12/19 22:43 |
| S45 | 2 | lvmtcto | US-PGRUB; USPAT; USOCR; FPRS | OR | ON | 2008/12/19 22:45 |
| S46 | 10192 | raman adj spectr\$6 | US-PGRUB; USPAT; USOCR; FPRS | OR | ON | 2008/12/19 22:47 |
| S47 | 2 | raman adj spectr\$6 and (hydrogenated silicon oxycarbide or SiOCH) | US-PGRUB; USPAT; USOCR; FPRS | ADJ | ON | 2008/12/19 22:48 |
| S48 | 2 | raman adj spectr\$6 and (hydrogenated silicon oxycarbide or SiOCH or H:SiO) | US-PGRUB; USPAT; USOCR; FPRS | ADJ | ON | 2008/12/19 22:48 |
| S49 | 2 | raman adj spectr\$6 and (hydrogenated silicon oxycarbide or SiOCH or H:SiO) | US-PGRUB; USPAT; USOCR; FPRS | ADJ | ON | 2008/12/19 22:48 |
| S50 | 112 | spectr\$6 and (hydrogenated silicon oxycarbide or SiOCH or H:SiO) | US-PGRUB; USPAT; USOCR; FPRS | ADJ | ON | 2008/12/19 22:49 |
| S51 | 9 | (O/Si C/si H/Si) | US-PGRUB; USPAT; USOCR; FPRS | WITH | ON | 2008/12/20 14:22 |
| S52 | 23 | (O/Si C/si H/Si) | US-PGRUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | SAME | ON | 2008/12/20 14:24 |
| S53 | 26 | (O/Si C/si H/Si) | US-PGRUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2008/12/20 14:25 |

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|-----|----|--|-------------------------------------|----|----|---------------------|
| S54 | 23 | (US-20040166240-\$ or US-20040253777-\$ or US-20050267253-\$ or US-20020155639-\$ or US-20070100109-\$ or US-20050260420-\$ or US-20050258542-\$ or US-20050245096-\$ or US-20040069410-\$ or US-20060157798-\$ or US-20060148252-\$ or US-20070098890-\$ or US-20060255466-\$ or US-20060158101-\$ or US-20050006665-\$ or US-20040197474-\$ or US-20040183162-\$).did. or (US-7307343-\$ or US-6846756-\$ or US-6772710-\$).did. or (JP-2004047873-\$).did. or (WO-2004008517-\$ or WO-03005429-\$).did. | US-PGPUB; USPAT; JPO; DERWENT | OR | ON | 2008/12/20 14:28 |
| S55 | 12 | pores and S54 | US-PGPUB; USPAT; USOCR; FPRS | OR | ON | 2008/12/20 14:28 |

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